

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 13568  
Application ID: 09683547  
Title of Invention: SPACER LAYER FOR  
ELECTROPHORETIC DISPLAY  
DEVICE  
First Named Inventor: Pinyen Lin  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-01-16  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 109128  
Digital Certificate Holder: cn=Joel S. Armstrong, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: PKs+9RvPCNt7btKLJuDF+Q==  
Total Fees Authorized: \$870.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 240037  
Deposit Account Name: Joel S. Armstrong



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

109128



## SPACER LAYER FOR ELECTROPHORETIC DISPLAY DEVICE

First Named Inventor: Pinyen Lin

### SUBMITTED BY

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Mr. Joel S. Armstrong

Registration Number:

36430

Electronic Signature Mark: /Joel S.  
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Date Signed: 20020116

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	Dec1.tif
declaration	Dec2.tif
declaration	Dec3.tif
declaration	Dec4.tif

declaration	Dec5.tif
fee-transmittal	X109128fee.xml
ibid-transmittal	X109128apds.xml
patent-assignments	X109128asgn.xml
specification	ob109128.xml

**Attached Image File(s):**

Dec1.tif

Dec2.tif

Dec3.tif

Dec4.tif

Dec5.tif

09683547

Comments:

2020-04-26 13:23:00

**APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SPACER LAYER FOR ELECTROPHORETIC DISPLAY DEVICE**

described and claimed in the specification:

**Check one**

\*a. ☒ attached hereto.

b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

**James A. Oliff, Registration No. 27,075; William P. Berridge, Registration No. 30,024;  
Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411;  
Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771;  
Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463;  
Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025;  
Richard E. Rice, Registration No. 31,560; Mark Costello, Registration No. 31,342;  
Don L. Webber, Registration No. 34,275; Ronald F. Chapuran, Registration No. 26,402;  
Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145;  
and/or Richard B. Domingo, Registration No. 36,784.**

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of First or Sole Inventor**

Pinyen

LIN

2 **\*\*INVENTOR'S SIGNATURE:**

Given Name

Middle Initial

Family Name

3 **\*\*DATE OF SIGNATURE:**

Month

Day

Year

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Citizenship:

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Page 2 OF U.S.A. DECLARATION FORM  
(Discard this page in a sole inventor application)

1 **Typewritten Full Name**  
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2 **\*\*INVENTOR'S SIGNATURE:** David H. Pan

3 **\*\*DATE OF SIGNATURE:** 09 - 25 - 2001  
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Page 2 OF U.S.A. DECLARATION FORM  
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1 **Typewritten Full Name**  
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Page 2 OF U.S.A. DECLARATION FORM  
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1 **Typewritten Full Name**  
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2 **\*\*INVENTOR'S SIGNATURE:** \_\_\_\_\_

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1 **Typewritten Full Name**  
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1 **Typewritten Full Name**  
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Page 2 OF U.S.A. DECLARATION FORM  
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1 **Typewritten Full Name**  
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2 **\*\*INVENTOR'S SIGNATURE:**

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Month	Day	Year
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Chieh-Min		CHENG
Given Name	Middle Initial	Family Name

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 870**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 240037



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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge the Issue Fee Set in 37 C.F.R. Section 1.18 at the Mailing of the Notice of Allowance

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Joel S. Armstrong

Electronic Signature Mark: /Joel S. Armstrong/

Date Signed: 20020116

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 25	103	\$ 18	5	\$ 90

Independent Claims: 2	102	\$ 84	0	\$ 0
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Subtotal For Extra Claims Fees: \$ 90

#### ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

2024-04-10 14:47:00